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Part Number:

0365150074

Status:

Active

Overview:

[din_41612](#)

Description:

2.54mm (0.100") Pitch DIN 41612 Header, Style R, Vertical, Press-fit, 6.00mm (.236")
PC Tail Length, 96 Circuits, 0.76µm (30µ") Gold (Au) Selective, Lead-Free

Documents:

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Specification PS-36515-001 \(PDF\)](#)

General	
Product Family	Backplane Connectors
Series	36515
Application	Backplane
Comments	"R" at Style Represents Vertical Male DIN Connectors
Component Type	PCB Header
Overview	din_41612
Product Name	IEC 603-2/DIN 41612
Style	R
Physical	
Circuits (Loaded)	96
Circuits (maximum)	96
Circuits Detail	Rows A, B, & C
Durability (mating cycles max)	400
Keying to Mating Part	Yes
Number of Columns	32
Number of Pairs	Open Pin Field
Number of Rows	3
Orientation	Vertical
PC Tail Length (in)	0.236 In
PC Tail Length (mm)	6.00 mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.045 In, 0.157 In
PCB Thickness Recommended (mm)	1.20 mm, 4.00 mm
Packaging Type	Bag
Pitch - Mating Interface (in)	0.100 In
Pitch - Mating Interface (mm)	2.54 mm
Pitch - Term. Interface (in)	0.100 In
Pitch - Term. Interface (mm)	2.54 mm
Polarized to PCB	No
Temperature Range - Operating	-55°C to +125°C
Termination Interface: Style	Through Hole - Compliant Pin
Electrical	
Current - Maximum per Contact	1A
Data Rate	622.0 Mbps
Voltage - Maximum	250V AC (RMS)
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-36515-001
Sales Drawing	SD-36515-004

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

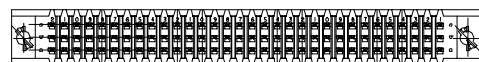
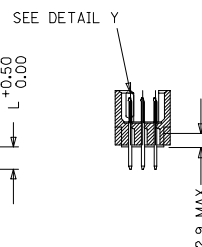
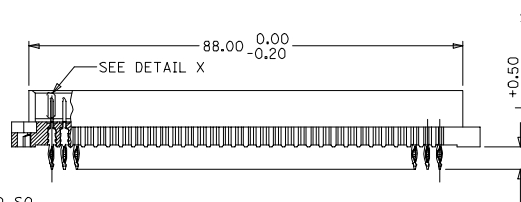
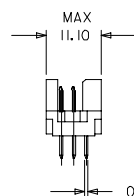
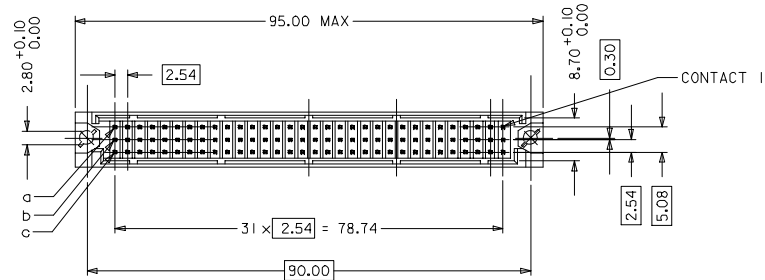
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

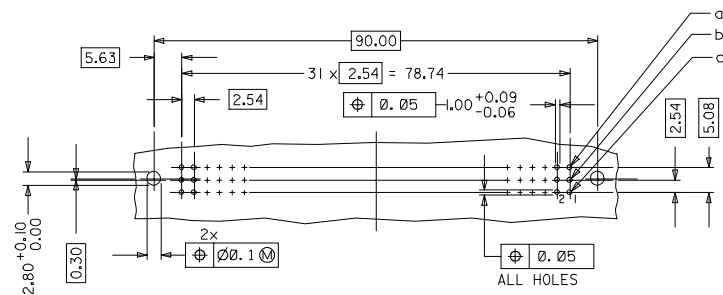
36515Series

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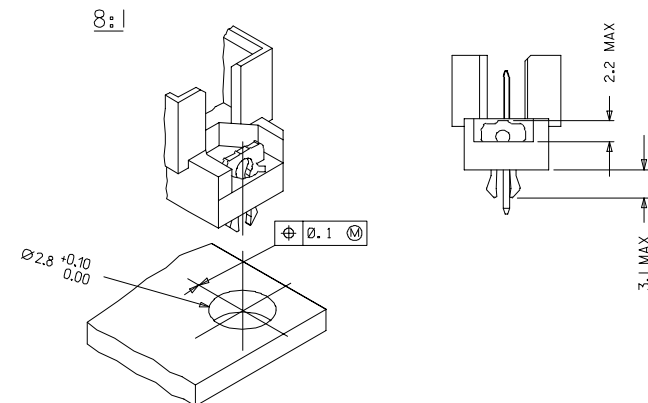
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RECOMMENDED PCB LAYOUT COMPONENT SIDE



WITH MOUNTING CLIPS



NOTES:

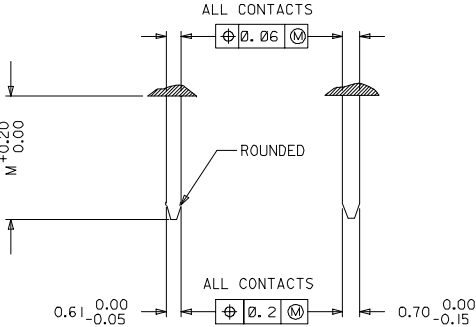
- 1) MATERIALS: THERMOPLASTIC POLYESTER, GLASS FILLED, UL94V-0, COLOUR: PEBBLE GREY RAL 7032
TERMINAL - PHOSPHOR BRONZE
MOUNTING CLIP: STEEL
- 2) FINISH: TERMINAL:-
CONTACT AREA
1. PERFORMANCE LEVEL 1: SELECTIVE GOLD (Au), THICKNESS = 1.1 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
2. PERFORMANCE LEVEL 2: SELECTIVE GOLD (Au), THICKNESS = 0.6 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
3. PERFORMANCE LEVEL 3: SELECTIVE GOLD (Au), THICKNESS = 0.3 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER
PRESS-IN AREA :
SELECTIVE TIN, THICKNESS = 2.5 MICROMETER
OVER NICKEL, THICKNESS = 1.25 MICROMETER OVERALL
- 3) MOUNTING CLIP:-
TIN (Sn), THICKNESS = 5-10 MICROMETER,
OVER NICKEL (Ni), THICKNESS = 2.5 MICROMETER
- 4) FOR NON MOUNTING CLIP OPTION, CONNECTOR TO BE SECURED WITH
RIVETS: 2 TUBULAR RIVETS 2.5 x 0.3 ... DIN 7340
SCREWS: 2 CHEESEHEAD SCREWS M2.5 x ... DIN 84 AND 2 HEXAGONAL NUTS M2.5 DIN 934
- 5) MATERIAL NUMBER, BATCH CODE, UL AND CSA MARKING
TO BE PRINTED ON THE CONNECTOR
- 6) CUT FACE OF TIP WITHOUT PLATING PERMITTED
- 7) PRODUCT SPECIFICATION PS-36515-001

RoHS COMPLIANT

2006/10/10 2006/10/11 2006/10/11		QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽=0	mm INCH		DRAWN BY DATE		TITLE			
		▽=0	4 PLACES ± ±		SS 1999/09/24		ASSEMBLY, DIN 41612			
			3 PLACES ± 0.05 ±		CHECKED BY DATE		R MALE, 96 POS			
			2 PLACES ± 0.1 ±		GJLOWE 1999/09/24		PRESS-IN L=6			
			1 PLACE ± 0.15 ±		APPROVED BY DATE		MOLEX INCORPORATED			
			ANGULAR ± 2 °		GJLOWE 1999/09/24		DOCUMENT NO.		SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-36515-004		1 OF 2	
					SIZE A1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
M	MATERIAL No.	MOLEX ENG No.	PERF LEVEL	PLATING	CONTACT SEQUENCE/ROW	DIM "L" MM	MOUNTING CLIP	FMLB													M
	36515-0073	MM-B1470-R960	1	Au + Ni	1,2,3...32 a+b+c	6	NO	NO													L
	36515-0074	MM-B1570-R960	2	Au + Ni	1,2,3...32 a+b+c	6	NO	NO													
	36515-0075	MM-B1670-R960	3	Au + Ni	1,2,3...32 a+b+c	6	NO	NO													
L																					
K	36515-0079	MM-B1470-R910	1	Au + Ni	1,2,3...32 a+b+c	6	YES	NO													
	36515-0080	MM-B1570-R910	2	Au + Ni	1,2,3...32 a+b+c	6	YES	NO													
	36515-0081	MM-B1670-R910	3	Au + Ni	1,2,3...32 a+b+c	6	YES	NO													
J	36515-0085	MM-B1470-R930	1	Au + Ni	1,2,3...32 a+b+c	6	NO	1,32a 1,32b 1,32c													
	36515-0086	MM-B1570-R930	2	Au + Ni	1,2,3...32 a+b+c	6	NO	1,32a 1,32b 1,32c													
	36515-0087	MM-B1670-R930	3	Au + Ni	1,2,3...32 a+b+c	6	NO	1,32a 1,32b 1,32c													
I																					
	36515-0091	MM-B1470-R950	1	Au + Ni	1,2,3...32 a+b+c	6	YES	1,32a 1,32b 1,32c													
	36515-0092	MM-B1570-R950	2	Au + Ni	1,2,3...32 a+b+c	6	YES	1,32a 1,32b 1,32c													
	36515-0093	MM-B1670-R950	3	Au + Ni	1,2,3...32 a+b+c	6	YES	1,32a 1,32b 1,32c													
H																					
B																					
F																					
E																					
D																					
C																					
B																					
A																					

DETAILY DETAILX



PRE MATING CONTACTS	5.4
NORMAL CONTACTS	4.8
	M

RoHS COMPLIANT

EC No: 2007/0044

DRWSATTIWARD 2006/10/10

CHKSSSHR 2006/10/11

APPRSSSHR 2006/10/15

REV

DESCRIPTION

QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± 0.05	± ---
2 PLACES	± 0.1	± ---
1 PLACE	± 0.15	± ---
ANGULAR ± 2 °		

DRAFT WHERE APPLICABLE
MUST REMAIN
WITHIN DIMENSIONS

DIMENSION STYLE

IN/MM

DRAWN BY	DATE
SS	1999/09/24
CHECKED BY	DATE
GJLOWE	1999/09/24
APPROVED BY	DATE
GJLOWE	1999/09/24

MATERIAL NO.

SEE CHART

SIZE

A1

SCALE

2:1

DESIGN UNITS

INCH

THIRD ANGLE PROJECTION

ASSEMBLY, DIN 41612
R MALE, 96 POS
PRESS-IN L=6

MOLEX INCORPORATED

DOCUMENT NO.

SD-36515-004

SHEET NO.

2 OF 2

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